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abstraction layer

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**abstraction layer** A software translation **layer** that provides a common interface between applications and other programs, typically control programs.

[www.answers.com/topic/abstraction-layer](http://www.answers.com/topic/abstraction-layer) - 33k - [Cached](#) - [Similar pages](#)

**Abstraction Layer**

An **Abstraction Layer** isolates a user from the inner workings of a complex ... The HTTP? protocol is a software and hardware **abstraction layer** that hides the ...

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**Iyonix: Hardware Abstraction Layer**

RISC OS 5 software developer site. This site provides technical documents and guidelines to enable programmers to write 32-bit compatible software for ...

[www.ionix.com/32bit/HAL.shtml](http://www.ionix.com/32bit/HAL.shtml) - 25k - [Cached](#) - [Similar pages](#)

**PEAR MDB Database Abstraction Layer (International PHP Magazine)**

This article gives a good introduction to the database **abstraction** package PEAR MDB. The focus is on explaining the more advanced features of MDB like data ...

[www.php-mag.net/itr/online\\_artikel/psecom,id,283,nodeid,114.html](http://www.php-mag.net/itr/online_artikel/psecom,id,283,nodeid,114.html) - 56k - Feb 5, 2006 - [Cached](#) - [Similar pages](#)

**freshmeat.net: Project details for Database Abstraction Layer**

freshmeat maintains the Web's largest index of Unix and cross-platform open source software. Thousands of applications are meticulously cataloged in the ...

[freshmeat.net/projects/dal/](http://freshmeat.net/projects/dal/) - 24k - [Cached](#) - [Similar pages](#)

**The .NET Abstraction Pile**

In fact, the more **layers** of **abstraction** you have, the more complexity you've got ...

Windows Forms is a **layer** of **abstraction** which is built on the Win32 API ...

[software.ericssink.com/Abstraction\\_Pile.html](http://software.ericssink.com/Abstraction_Pile.html) - 37k - [Cached](#) - [Similar pages](#)

**LawnGnome Database Abstraction Layer**

LawnGnome Family of PHP tools, including the world famous, often imitated but never duplicated, LawnGnome database **abstraction layer**.

[www.lawngnome.us/](http://www.lawngnome.us/) - 3k - [Cached](#) - [Similar pages](#)

**abstraction layer Definition**

**abstraction layer** Definition. ... An **abstraction layer** implies that there are two or more implementations of the target program, so that one set of program ...

[www.pcmag.com/encyclopedia\\_term/0,2542,t=abstraction+layer&i=37353,00.asp](http://www.pcmag.com/encyclopedia_term/0,2542,t=abstraction+layer&i=37353,00.asp) - 78k - Feb 6, 2006 - [Cached](#) - [Similar pages](#)

**Hardware abstraction layer - Wikipedia, the free encyclopedia**

A hardware **abstraction layer** (HAL) is an **abstraction layer** between the physical hardware of a computer and the software that runs on that computer. ...

[en.wikipedia.org/wiki/Hardware\\_Abstraction\\_Layer](http://en.wikipedia.org/wiki/Hardware_Abstraction_Layer) - 13k - [Cached](#) - [Similar pages](#)

[Joseph Scott's Blog » Blog Archive » What Is A Database ...](#)

One of the biggest jobs of the **abstraction layer** is dealing with the same ... The summary version: a true database **abstraction layer** will take a speed hit ...

[joseph.randomnetworks.com/archives/2004/07/08/what-is-a-database-abstraction-layer/](http://joseph.randomnetworks.com/archives/2004/07/08/what-is-a-database-abstraction-layer/) - 22k - [Cached](#) - [Similar pages](#)

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abstraction layer

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IMO this is a DB **abstraction layer** :) And I really hope most programmers desire ... Arguing that an **abstraction layer** increases complexity misses the point; ...

[jeremy.zawodny.com/blog/archives/002194.html](http://jeremy.zawodny.com/blog/archives/002194.html) - 71k - Feb 6, 2006 -

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Program your embedded systems using OS independent APIs

[www.osabtractor.com](http://www.osabtractor.com)

**[freedesktop.org - Software/hal](http://freedesktop.org/wiki/Software/hal)**

HAL - Hardware **Abstraction Layer**. These pages attempt to provide a specification and an implementation of a hardware **abstraction layer**. ...

[hal.freedesktop.org/wiki/Software/hal](http://hal.freedesktop.org/wiki/Software/hal) - 9k - Feb 5, 2006 - [Cached](#) - [Similar pages](#)

**[Database Abstraction Layer](#)**

DAL is a database **abstraction layer** written entirely in PHP. It's goal is to provide a general and consistent way for accessing a database from within a php ...

[dal.sourceforge.net/](http://dal.sourceforge.net/) - 4k - [Cached](#) - [Similar pages](#)

**[hardware abstraction layer - a Whatis.com definition](#)**

News and advice for small business IT professionals.

[searchsmb.techtarget.com/sDefinition/0,,sid44\\_gci214424,00.html](http://searchsmb.techtarget.com/sDefinition/0,,sid44_gci214424,00.html) - 41k - Feb 5, 2006 -

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**[Compile - Abstraction Layer](#)**

**Abstraction Layer** is simply the "interface" between you and the specifications.

**Abstraction Layer** is everywhere and it is the reason computing exist ...

[www.mediachance.com/dvdlab/Helppro/abslayer.htm](http://www.mediachance.com/dvdlab/Helppro/abslayer.htm) - 6k - [Cached](#) - [Similar pages](#)

**[The PHP 5 Data Object \(PDO\) Abstraction Layer and Oracle](#)**

An overview of the new PHP Data Objects (PDO) data **abstraction layer**, with a focus on Oracle, from one of its original developers.

[www.oracle.com/technology/pub/articles/php\\_experts/otn\\_pdo\\_oracle5.html](http://www.oracle.com/technology/pub/articles/php_experts/otn_pdo_oracle5.html) - 78k -

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**[How to Troubleshoot Windows 2000 Hardware Abstraction Layer Issues](#)**

In Windows 2000 there are several ways to troubleshoot issues related to the Hardware

**Abstraction Layer** (HAL) that may occur as a result of misdetection, ...

[support.microsoft.com/default.aspx?scid=kb;EN-US;237556](http://support.microsoft.com/default.aspx?scid=kb;EN-US;237556) - [Similar pages](#)

**[How to Determine the Hardware Abstraction Layer \(HAL\) That Is Used ...](#)**

This article describes how to determine the Hardware **Abstraction Layer** (HAL) that is loaded on a Windows XP-based computer. To determine the HAL that is ...

[support.microsoft.com/?kbid=298898](http://support.microsoft.com/?kbid=298898) - [Similar pages](#)

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**[ASE Labs: Articles - Abstraction Layers And Their Importance](#)**

**Abstraction layers** are one of the most important concepts in computing and programming today. ... In TCP/IP the data-link **layer** is an **abstraction layer**. ...

[www.aselabs.com/articles.php?id=189](http://www.aselabs.com/articles.php?id=189) - 32k - Feb 5, 2006 - [Cached](#) - [Similar pages](#)

**What is hardware abstraction layer? - A Word Definition From the ...**

This page describes the term hardware **abstraction layer** and lists other pages on the Web where you can find additional information.

[www.webopedia.com/TERM/H/Hardware\\_Abstraction\\_Layer.html](http://www.webopedia.com/TERM/H/Hardware_Abstraction_Layer.html) - 43k -  
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## Database Abstraction Layer

### General

- About
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- People using DAL
- Contributors

- Changelog
- Project page

### Documentation

- Main documentation
- Class documentation

### Links

- PHP
- MySQL
- PostgreSQL



## About DAL

### What is it ?

DAL is a database abstraction layer written entirely in PHP. It's goal is to provide a general and consistent way for accessing a database from within a php page/script. DAL has some general methods that can be used to access the database from within php code. The implementation details (like how to connect to the database) are taken care of by drivers which extend DAL.